

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 1 | ("6394176").PN. | USPAT | OR | OFF | 2005/06/07 10:59 |
| L2 | 25 | ((("6394176") or ("5682944") or ("5311935") or ("4947931") or ("4607684") or ("3554440") or ("6161614") or ("3300135") or ("4669532") or ("2037845") or ("2505790") or ("3818981") or ("3920067") or ("5036911") or ("5526873") or ("5575329") or ("6082447") or ("6119340") or ("6158500") or ("6253837") or ("4998580") or ("5476141") or ("5236042") or ("20030000685") or ("5555930") or ("5526873") or ("3818981") or ("3920067") or ("6253837") or ("2505790"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/06/07 11:30 |
| L3 | 6 | ("138"/\$ or "165"/\$).cccls. and ((tube or pipe) with passive with bypass) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/07 11:34 |
| S1 | 50 | ((("6171570") or ("4425763") or ("5564281") or ("5623833") or ("5875637") or ("5901567") or ("4387577") or ("4404814") or ("4476065") or ("4490993") or ("4531571") or ("4619114") or ("4904441") or ("4916916") or ("5000258") or ("5025637") or ("5027610") or ("5328596") or ("5539382") or ("5573142") or ("5701748") or ("5702130") or ("5711857") or ("5732569") or ("5758510") or ("5766453") or ("5816315") or ("5832745") or ("5845503") or ("5859763") or ("5884128") or ("5911751") or ("5913360") or ("5927101") or ("5964099") or ("6015968") or ("6041617") or ("6073683") or ("6085055") or ("6092377") or ("6095237") or ("6101823") or ("6192696") or ("6245133") or ("6295864") or ("6354901") or ("6638397") or ("6237351") or ("4446703") or ("4519444"))).PN. | USPAT; USOCR | OR | OFF | 2004/10/01 10:40 |

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| S2 | 746 | (165/140).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 14:37 |
| S3 | 1 | "2037845".PN. | USPAT | OR | OFF | 2003/09/05 10:28 |
| S4 | 1 | "2264820".PN. | USPAT | OR | OFF | 2003/09/05 10:28 |
| S5 | 1 | "2505790".PN. | USPAT | OR | OFF | 2003/09/05 10:29 |
| S6 | 1 | "3447596".PN. | USPAT | OR | OFF | 2003/09/05 10:29 |
| S7 | 1 | "4651816".PN. | USPAT | OR | OFF | 2003/09/05 10:29 |
| S8 | 1 | "4923001".PN. | USPAT | OR | OFF | 2003/09/05 10:30 |
| S9 | 1 | "4947931".PN. | USPAT | OR | OFF | 2003/09/05 10:30 |
| S10 | 1 | "4998580".PN. | USPAT | OR | OFF | 2003/09/05 10:30 |
| S11 | 1 | "5186244".PN. | USPAT | OR | OFF | 2003/09/05 10:30 |
| S12 | 1 | "5303770".PN. | USPAT | OR | OFF | 2003/09/05 10:35 |
| S13 | 1 | "5341870".PN. | USPAT | OR | OFF | 2003/09/05 10:35 |
| S14 | 1 | "5372188".PN. | USPAT | OR | OFF | 2003/09/05 10:35 |
| S15 | 1 | "5526873".PN. | USPAT | OR | OFF | 2003/09/05 10:35 |
| S16 | 1 | "5743328".PN. | USPAT | OR | OFF | 2003/09/05 10:36 |
| S17 | 1 | "5894885".PN. | USPAT | OR | OFF | 2003/09/05 10:36 |
| S18 | 1 | "6035927".PN. | USPAT | OR | OFF | 2003/09/05 10:37 |
| S19 | 1 | "6062303".PN. | USPAT | OR | OFF | 2003/09/05 10:37 |
| S20 | 134 | (165/140 or 165/148-153 or 165/172-176).ccls. and bypass | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/09/05 11:09 |
| S21 | 128 | (165/283).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/09/05 11:43 |
| S22 | 326 | (165/297).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/09/05 11:43 |
| S23 | 682 | (165/140).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/12/17 10:07 |
| S24 | 1 | "4063431".PN. | USPAT | OR | OFF | 2003/12/17 09:44 |
| S25 | 1 | "5033540".PN. | USPAT | OR | OFF | 2003/12/17 09:44 |

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| S26 | 1 | "5046554".PN. | USPAT | OR | OFF | 2003/12/17 09:44 |
| S27 | 1 | "5176200".PN. | USPAT | OR | OFF | 2003/12/17 09:44 |
| S28 | 1 | "5366005".PN. | USPAT | OR | OFF | 2003/12/17 09:45 |
| S29 | 1 | "5566748".PN. | USPAT | OR | OFF | 2003/12/17 09:45 |
| S30 | 1 | "5992514".PN. | USPAT | OR | OFF | 2003/12/17 09:45 |
| S31 | 1 | "6170565".PN. | USPAT | OR | OFF | 2003/12/17 09:45 |
| S32 | 1 | "6173766".PN. | USPAT | OR | OFF | 2003/12/17 09:46 |
| S33 | 1 | "6209628".PN. | USPAT | OR | OFF | 2003/12/17 09:46 |
| S34 | 1 | "6305465".PN. | USPAT | OR | OFF | 2003/12/17 09:46 |
| S35 | 1 | "6357518".PN. | USPAT | OR | OFF | 2003/12/17 09:46 |
| S36 | 1 | "1701617".PN. | USPAT | OR | OFF | 2003/12/17 09:47 |
| S37 | 1 | "3110754".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S38 | 1 | "3537485".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S39 | 1 | "3777502".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S40 | 1 | "4242877".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S41 | 1 | "4438809".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S42 | 1 | "5009262".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S43 | 1 | "5174373".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S44 | 1 | "5400853".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S45 | 1 | "5544703".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S46 | 1 | "5704423".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S47 | 1 | "5765393".PN. | USPAT | OR | OFF | 2003/12/17 09:48 |
| S48 | 1 | "5941303".PN. | USPAT | OR | OFF | 2003/12/17 09:49 |
| S49 | 476 | (165/183).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/12/17 10:16 |
| S50 | 1 | "3596495".PN. | USPAT | OR | OFF | 2003/12/17 10:15 |
| S51 | 1 | "5058266".PN. | USPAT | OR | OFF | 2003/12/17 10:15 |
| S52 | 1 | "5186246".PN. | USPAT | OR | OFF | 2003/12/17 10:15 |
| S53 | 1 | "5219017".PN. | USPAT | OR | OFF | 2003/12/17 10:15 |
| S54 | 555 | (165/176).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/12/17 10:24 |
| S55 | 3444 | (165/140 or 165/148 or 165/173-183).ccls. and heat adj exchangers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/17 10:26 |

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| S56 | 1767 | (165/140 or 165/148 or 165/173-183).ccls. and first and second and heat adj exchanger | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/17 10:27 |
| S57 | 110 | (165/140 or 165/148 or 165/173-183).ccls. and (first near heat adj exchanger) and (second near heat adj exchanger) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/17 10:33 |
| S58 | 94 | (165/140 or 165/148 or 165/173-183).ccls. and coplanar | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/17 10:36 |
| S59 | 848 | (165/140 or 165/148 or 165/173-183).ccls. and corrugat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/17 10:36 |
| S60 | 602 | (165/140 or 165/148 or 165/173-183).ccls. and corrugat\$3 WITH (tube or pipe) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/17 10:50 |
| S61 | 43 | "165"/\$.ccls. and ((tube or pipe) and ((hydraulic ADJ diameter) WITH mm)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/22 09:37 |
| S62 | 4 | "165"/\$.ccls. and ((tube or pipe) and sub-passageways) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:01 |
| S63 | 1 | ("165"/\$.ccls. and ((tube or pipe) and sub-passageways)) and mm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 10:59 |
| S64 | 1 | "165"/\$.ccls. and ((tube or pipe) and "0.02mm") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:02 |
| S65 | 4 | "165"/\$.ccls. and ((tube or pipe) and mm^2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:05 |
| S66 | 2658 | "165"/\$.ccls. and ((tube or pipe) and mm) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:07 |

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| S67 | 1517 | "165"/\$.ccls. and ((tube or pipe) SAME mm) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:26 |
| S68 | 1 | "165"/\$.ccls. and ((tube or pipe) SAME mm2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:27 |
| S69 | 53 | "165"/\$.ccls. and ((tube or pipe) SAME "mm.sup.2") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:47 |
| S70 | 0 | "138"/\$.ccls. and ((heat adj exchange) SAME "mm.sup.2") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:53 |
| S71 | 154 | "165"/\$.ccls. and "mm.sup.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:53 |
| S72 | 0 | "165"/\$.ccls. and "mm.sup.2" | USOCR | OR | ON | 2004/04/07 11:59 |
| S73 | 238 | "138"/\$.ccls. and "mm.sup.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:56 |
| S74 | 992 | "29"/\$.ccls. and "mm.sup.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:56 |
| S75 | 20 | (29/890.036-890.053 or 29/890.03).ccls. and "mm.sup.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 11:58 |
| S76 | 1 | "165"/\$.ccls. and ((fin WITH heigth) SAME mm) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 12:02 |
| S77 | 1 | "165"/\$.ccls. and (fin WITH heigth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 12:02 |
| S78 | 1 | "165"/\$.ccls. and (fin SAME heigth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 12:03 |
| S79 | 500 | "165"/\$.ccls. and (fin WITH mm) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 12:04 |

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| S80 | 6 | "165"/\$.ccls. and (fin WITH 10mm) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 12:08 |
| S81 | 35 | "165"/\$.ccls. and (core near depth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 12:09 |
| S82 | 6 | ("165"/\$.ccls. and (core near depth)) and mm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/04/07 12:09 |
| S83 | 0 | ("6793012").PN. | USPAT; USOCR | OR | OFF | 2004/09/09 09:42 |
| S84 | 2 | "165"/\$.ccls. and ((tube or pipe) and ((hydraulic ADJ diameter) WITH mm)) | USOCR | OR | ON | 2004/09/09 11:32 |
| S85 | 80 | ("165"/\$ or "138"/\$.ccls. and ((tube or pipe) and ((hydraulic ADJ diameter) same length)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 11:34 |
| S86 | 11771 | "165"/\$.ccls. and (end WITH (tube or pipe)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 12:53 |
| S87 | 4965 | 165/148-183.ccls. and (end WITH (tube or pipe)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 12:54 |
| S88 | 2408 | 165/148-183.ccls. and (end NEAR (tube or pipe)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 12:55 |
| S89 | 1328 | (165/148 or 165/172-183).ccls. and (end NEAR (tube or pipe)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 12:56 |
| S90 | 1402 | (165/140 or 165/148 or 165/172-183).ccls. and (end NEAR (tube or pipe)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 12:56 |
| S91 | 210 | (165/140 or 165/148 or 165/172-183).ccls. and (end NEAR pipe) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 13:41 |
| S92 | 9 | ("1357597" "1906969" "4876778" "5555930" "5678628" "5954123" "6006430" "6129142" "6328098").PN. | USPAT | OR | OFF | 2004/09/09 13:06 |

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| S93 | 4 | ("2164605" "3034770" "4791982" "5257662").PN. | USPAT | OR | OFF | 2004/09/09 13:16 |
| S94 | 2 | "5555930".URPN. | USPAT | OR | OFF | 2004/09/09 13:18 |
| S95 | 0 | "6729382".URPN. | USPAT | OR | OFF | 2004/09/09 13:19 |
| S96 | 9 | ("1357597" "1906969" "4876778" "5555930" "5678628" "5954123" "6006430" "6129142" "6328098").PN. | USPAT | OR | OFF | 2004/09/09 13:19 |
| S97 | 1256 | (165/140 or 165/148 or 165/172-183).ccls. and (end NEAR tube) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 13:42 |
| S98 | 1074 | (165/140 or 165/148 or 165/172-183).ccls. and (end ADJ tube) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/09 13:43 |
| S99 | 4 | ("3596495" "5058266" "5186246" "5219017").PN. | USPAT | OR | OFF | 2004/09/09 14:54 |
| S100 | 1 | ("6793012 ").PN. | USPAT; USOCR | OR | OFF | 2004/09/22 09:50 |
| S101 | 0 | (165/140 or 165/14 or 165/172-183).ccls. and "mm.sup.2" | EPO; JPO; DERWENT | OR | OFF | 2004/09/22 09:53 |
| S102 | 0 | (165/140 or 165/148 or 165/172-183).ccls. and "mm.sup.2" | EPO; JPO; DERWENT | OR | ON | 2004/09/22 09:54 |
| S103 | 45 | (165/140 or 165/148 or 165/172-183).ccls. and "mm.sup.2" | US-PGPUB; USPAT | OR | ON | 2004/09/22 10:41 |
| S104 | 0 | ("165"/\$ or "138"/\$ or "62"/\$)." and ((tub\$3 or pip\$3) SAME "mm.sup.2") | EPO; JPO; DERWENT | OR | ON | 2004/09/22 10:17 |
| S105 | 254 | ("165"/\$ or "138"/\$ or "62"/\$)." and ((tub\$3 or pip\$3) SAME "mm.sup.2") | US-PGPUB; USPAT | OR | ON | 2004/09/22 11:09 |
| S106 | 0 | (165/140 or 165/148 or 165/172-183).ccls. and ((hydraulic ADJ4 diameter) SAME "mm") | US-PGPUB; USPAT | OR | ON | 2004/09/22 10:43 |
| S107 | 287 | (165/140 or 165/148 or 165/172-183).ccls. and ((hydraulic ADJ\$4 diameter) SAME "mm") | US-PGPUB; USPAT | OR | ON | 2004/09/22 10:50 |
| S108 | 0 | (165/140 or 165/148 or 165/172-183).ccls. and ((hydraulic WITH diameter) SAME "mm") | US-PGPUB; USPAT | OR | ON | 2004/09/22 10:51 |
| S109 | 0 | (165/140 or 165/148 or 165/172-183).ccls. and (hydraulic WITH diameter) | US-PGPUB; USPAT | OR | ON | 2004/09/22 10:51 |

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| S11 0 | 24 | (165/140 or 165/148 or 165/172-183).ccls. and ((hydraulic WITH diameter) SAME "mm") | US-PGPUB; USPAT | OR | ON | 2004/09/22 10:52 |
| S11 1 | 0 | "6793012".pn. and ("mm.sup.2") | USPAT | OR | ON | 2004/09/22 11:10 |
| S11 2 | 1 | "6793012".pn. and ("mm") | USPAT | OR | ON | 2004/09/22 11:10 |
| S11 4 | 5 | domen-daniel-r.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 15:07 |
| S11 5 | 6 | baylor-david-w.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/24 15:07 |
| S11 6 | 790 | (165/148).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/24 15:07 |
| S11 7 | 773 | (165/176).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/24 15:07 |
| S11 8 | 361 | "165"/\$.ccls. and (hydraulic WITH diameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/24 15:08 |
| S11 9 | 3 | lorentz-jay.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/24 15:09 |
| S12 0 | 3 | mckittrick-jason-w.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/24 15:09 |
| S12 1 | 6 | bonnet-pascal.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/24 15:09 |
| S12 2 | 24 | hu-zaiqian.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/24 15:10 |

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| S12 3 | 6 | fang-lei.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/24 15:10 |
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